

p-open-member^{11,40}

$$s \in C \equiv_{\text{def}} \exists n:\mathbb{N}. (C(\langle n, s \rangle) = 1)$$

clarification:

$$\text{p-open-member}(p;C;s) \equiv_{\text{def}} \exists n:\mathbb{N}. (C(\langle n, s \rangle) = 1 \in \mathbb{Z})$$